



## Method for calibration of a wideband lambda probe used in internal combustion engines

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**Cited documents:**

 US5845624  
 US4751907  
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**Abstract of EP1079090**

To calibrate the sensor and compensate for manufacturing tolerances a correction value is determined as follows. With the engine running with  $\lambda = 1$  a fuel mass  $m_{K1}$  and air mass flow  $m_{L1}$  are determined. Then with  $\lambda = 1$  (lean or rich mixture) values  $m_{K2}$  and  $m_{L2}$  are measured. Based on these values the correction value for the condition  $\lambda = 1$  is derived

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